

C2 cond  
the gene. An inducible (isopropyl-β-D-thio-galactopyranoside) T7 phage promoter controls expression of the insert and the plasmid also contains a kanamycin resistance gene. This plasmid is used for expression of the vaccine in *E. coli* strain BL-21 host cells.--

IN THE SEQUENCE LISTING

Kindly replace pages 70-95 of the Sequence Listing with herein submitted pages 70-99 of Sequence Listing.

IN THE CLAIMS

Kindly amend the claims as follows.

C3 SUB G2  
4 (Amended). An isolated and purified DNA fragment according to claim 1, wherein said superantigen toxin is Staphylococcal enterotoxin B having the sequence of SEQ ID NO:5 or a portion thereof [, or an allelic portion thereof].

5 (Amended). An isolated and purified DNA fragment according to claim 1, wherein said superantigen toxin is Staphylococcal enterotoxin B having the sequence of SEQ ID NO:7 or a portion thereof [, or an allelic portion thereof].

C4 SUB G3  
6 (Amended). An isolated and purified DNA fragment according to claim 1, wherein said superantigen toxin is Staphylococcal enterotoxin B having the sequence of SEQ ID NO:9 or a portion thereof [, or an allelic portion thereof].

C5 SUB G4  
E 12 (Amended). An isolated and purified DNA fragment according to claim 1, wherein said fragment encodes the amino acid sequence of SEQ ID NO:6 or a portion thereof [, or an allelic portion thereof].

C5E  
13 (Amended). An isolated and purified DNA fragment according to claim 5, wherein said fragment encodes the amino acid sequence of SEQ ID NO:8 or a portion thereof [, or an allelic portion thereof].

e  
14 (Amended). An isolated and purified DNA fragment according to claim 6, wherein said fragment encodes the amino acid sequence of SEQ ID NO:10 or a portion thereof [, or an allelic portion thereof].

C6E  
18 (Amended). A recombinant DNA construct comprising [:]  
[(i)] a vector[, and] containing [(ii)] an isolated  
and purified altered <sup>Staphylococcal enterotoxin B</sup> superantigen toxin DNA fragment  
according to claim 1.

C7 SUB 65  
21 (Amended). A recombinant DNA construct according to claim 18, wherein said DNA fragment has the sequence according to SEQ ID NO:5 or a portion thereof [, or an allelic portion thereof].

22 (Amended). A recombinant DNA construct according to claim 18, wherein said DNA fragment has the sequence according to SEQ ID NO:7 or a portion thereof [, or an allelic portion thereof].

23 (Amended). A recombinant DNA construct according to claim 18, wherein said DNA fragment has the sequence according to SEQ ID NO:9 or a portion thereof [, or an allelic portion thereof].

C8  
44 (Amended). [A] An isolated host cell transformed with a recombinant DNA construct according to claim 18.